



iGas Detector CO₂

Portable Single Gas Detector

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iGas Detector is the most reliable carbon dioxide gas detector designed to monitor the presence of CO₂ and alert users to danger with LED, audible and vibrating alarms in confined spaces.

CO₂ gas accumulated in poorly ventilated areas and confined spaces is colorless and odorless classified as a toxic gas which may cause asphyxia and narcotic effects. Utilizing the high-performance infrared sensor, the iGas Detector CO₂ is the best solution to keep workers safe and your operations compliant.

Features

- IR Sensor Technology
- Rechargeable Li-ion battery
- 14days of use by one fully charge
- Measured by %vol and ppm
- Lightweight – 135g
- Back-light display
- Automatic alarm record
- Exchangeable International wall plug Kit
- Easy configuration and data management via PC program
- Configurable Calibration, Bump test, Self test due warning



Specification

Model	iGas Detector CO ₂
Sensor Type	IR
Measurement	Diffusion type
Display	LCD display
Resolution	0.01%vol / 100ppm
Audible	90dB at 10cm
Warning Lamp	Red Flashing LEDs
Vibration	Vibration Alarm
Battery	Rechargeable Li-ion(polymer) power supply unit (500mAh)
Temperature	-20°C ~ +50°C
Charging Time	100 minutes
Humidity	5%~95% RH (Non-condensing)
Case	Rubber Enclosure
Accessories	Calibration Cap, Charge Cable(USB C-Type) and Adaptor
Option	-
Size &Weight	Size: 30(W) x 50(H) x 35(D)mm , Weight: 135g
Operating Life	14 day
Event Log	Recent 30 alarms
Approval	EMC directive(2014/30/EU), ROHS 2

Applications

- Food packing plants
- Chemical manufacturing
- Wineries & Breweries
- Agriculture
- Landfill
- Wastewater industries which use CO₂



Standard Package Contents

- Detector complete with stainless steel alligator clip
- Adaptor with 5 plugs
- Calibration cap
- User manual
- Calibrate test certification

Sensor Specifications

	Low Alarm Level	High Alarm Level	STEL	TWA
CO₂	0.5%vol	1%vol,	3%vol	0.5%vol
	5,000ppm	10,000ppm	30,000ppm	5,000ppm